



## COMMONWEALTH of VIRGINIA

*Department of Health*  
*DIVISION OF SHELLFISH SANITATION*  
109 Governor Street, Room 614-B  
Richmond, VA 23219

Ph: 804-864-7487  
Fax: 804-864-7481

### **GREAT WICOMICO Growing Area #13 Northumberland County**

Date: July 18, 2005  
Survey Period: April 25, 2005 to June 14, 2005  
Total Number of Properties Surveyed: 1808  
Surveyed By: D.R. Beuchelt, D.B. Geeson, R.S. Morris, and R.M. Thomas

#### **SECTION A: GENERAL**

This survey area extends from Reference Point 13 beginning at Cockrell Point to Reference Point 14 which ends at the end of State Route 609 extended to Ingram Bay, including the Ingram Bay shoreline between these two points, Great Wicomico River [Reason Creek, Whays Creek, Warehouse Creek, Horn Harbor, Coles Creek, Betts Mill Creek, Blackwell Creek, Crabbe Mill Stream, Bush Mill Stream (Head River Branch), Knight Run, Balls Creek, Tipers Creek, Barrett Creek, Penny Creek, Gougher, Creek, Shell Creek], and their tributaries (within the designated boundary line drawn by the Division of Shellfish Sanitation).

The topography of the area surveyed begins with an elevation of 5' at the mouth of the great Wicomico River and reaches 113' at the highest elevation at the outer western edge within the survey boundary.

Meteorological data indicated the 0.93" of rain fell March 25 – 31, 2.33" May 1 -31, 2.42" June 1 – 14 for a total rainfall of 10.27" for the survey period.

Several new businesses have been established along the main corridors of Jessie Dupont Memorial Highway (Route 200) and Northumberland Highway (Route 360). Recreation activities have increased since the last survey which has promoted the need for service oriented businesses such as boat repair, dock installation as well as new housing and the conversion of primary residencies to vacation properties.

Agriculture is still an important part of the counties economy. Grain farms, vineyards, and farmlands are located within the boundary line. During this survey, it has been noted that the area was inhabited by large numbers of waterfowl during the planting and harvest seasons. On occasion, it was found that many of these waterfowl resided on the fields where corn was planted. Some of the fields affected are located at the headwaters of Reason Creek, Whays Creek, and Warehouse Creek.

At another location, outside of the boundary line for this survey, but in close proximity to a first order stream of the Great Wicomico River, and across the road from 12858 Northumberland Highway on Route 360, mounds of dried sludge had been dumped onto the field. Until the sludge was worked into the ground, flies and vultures frequented that area. Even though permits are obtained from the county to apply dried sludge onto the farmland, it is important to note that sludge contains a high level of nutrients which can promote the growth of algae. Sludge can also contain toxic metals and chemicals that will contaminate shellfish. Another concern is fertilizers

that have been used heavily on lawns in some areas. It has been documented that "red tides" can be caused by the increased and out-of-balance nutrient levels from sludge and fertilizers.

It is important to note that since new boundary lines have been established, the Tri-County Landfill, (closed on 7/1/93), and located on Route 600 in Heathsville, is no longer included in this survey area. However, it is located just above the headwaters of Bush Mill Stream which empties into the Great Wicomico River.

Boating activity is currently monitored at 30 established sites classified as Marinas, Other Places Where Boats Are Moored, and Under Surveillance. Activities on the water and around the shoreline are monitored during regular seawater collection runs. Investigated were nine sites that involved animal wastes, nine industrial wastes sites and two solid waste sites.

There is one Sewage Treatment Plant that discharges effluent into the Great Wicomico River via Crabbe Mill Stream. Although this treatment plant is located outside of the survey boundary, it is included as part of this report as a Sewage pollution source. The treatment plant is located at Northumberland High School in Heathsville, Virginia and is Facility No. VA0020877. It is a small Municipal treatment plant which serves  $\geq 500$  students and faculty. According to Lee Bowles, who manages this treatment plant, the system was upgraded two years ago. A copy of the latest inspection by DEQ is attached to this report.

There are three campgrounds located on the Great Wicomico River, The Great Wicomico Campground, Glebe Point Campground and Camp Kittamaquod Girl Scout Campground.

The current restrictions on shellfish harvesting are numbers 013-220 and 013-089 both effective as of 4 March 2005. Copies of those restrictions are attached to this report.

Copies of Hydrographic and Bacteriological data are not required, but are attached. The data covers the period of 04/13/04 to 06/01/05.

This report lists only those properties that have a sanitary deficiency or have other environmental significance. "**DIRECT**" indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond office of the Division of Shellfish Sanitation and are available for reference until superseded by a subsequent survey of the area. Data in the report is also made available to local health departments and other agencies to address items that may be out of compliance with their regulatory programs.

## **SECTION B: SEWAGE POLLUTION SOURCES**

### **SEWAGE TREATMENT FACILITIES**

95. **DIRECT** – Northumberland High School Sewage Treatment Works, c/o Dr. Dr. Lindsey Suggs, Superintendent, Northumberland County Public Schools, P.O. Box 10, Heathsville 22473. This facility serves approximately 500 students/faculty/staff. VPDES Permit # VA0020877. Design flow is .008MGD. Treatment consists of a grease trap, stabilization pond, chlorination, and dechlorination. Final effluent discharges to Crabbe Mill Stream. The most recent OWP/DEQ inspection report is attached.

### **ON-SITE DEFICIENCIES**

3. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 467 Blundon Road, Reedville 22539. Dwelling – white vinyl siding with metal roof 2 story. No Contact. A 2-inch black pipe drains onto ground surface at the rear of the house off of the kitchen. No recent activity. Sanitary Notice issued 3/30/05 to field # DB-43. Tax Map # 38-A (1) - 10.

5. CONTRIBUTES POLLUTION, ***DIRECT***- Location: 181 Whays View Lane, Reedville 22539. Dwelling - beige vinyl siding 2 story. No Contact. Clean out cap is missing. Distance to Whays Creek is  $\leq 250'$ . Sanitary Notice issued 3/31/05 to field # DB-87. Tax Map # 37-(6)-1-D.
6. CONTRIBUTES POLLUTION – Location: 1927 Waverly Road, Reedville 22539. Dwelling - white asbestos shingles 1 story with gray roof. 3 persons. Effluent erupting onto ground surface. Sanitary Notice issued 4/1/05 to field # DB-124. Tax Map # 37-1-114B.
11. CONTRIBUTES POLLUTION, ***DIRECT***- Location: 503-517 Captains Way, Burgess 22432. Dwelling - townhouse units. No Contact. Effluent erupting onto ground surface. Distance to marsh  $< 150$  ft. at approximately 25' in elevation. Sanitary Notice issued to field #DB-206. Tax Map # 37-B (1) - 36-A,B,C,D,E,F,G,H.
13. CONTRIBUTES POLLUTION, ***DIRECT***-Location: 742 Waverly Road, Burgess 22432. Dwelling - cream colored siding 2 story with brown trim and metal roof. No Contact. Septic tank lid is missing with part of the well curbing broken. Area is covered with a wood platform. Distance to Warehouse creek is approximately 200'. Sanitary Notice issued 4/7/05 to field #DB- 236. Tax Map # 37-(1)-27.
24. CONTRIBUTES POLLUTION – Location: at the gate of 1973 Jessie Dupont Memorial Highway, Burgess 22432. Dwelling - white shingle siding 1 ½ story with brown roof shingles. No Contact. Septic Tank lid is open exposing waste water, etc. Sanitary Notice issued 4/27/05 to field # DB-478. Tax Map # 36-A (1) - 38-C.
29. CONTRIBUTES POLLUTION, ***DIRECT***- Location: 2032 Jessie Dupont Memorial Highway, Burgess 22432. Dwelling - white siding 2 story with brown shingles. Contact made with neighbors. On 4/29/05 it was observed that effluent had been pooling onto the ground over the drainfield. The effluent was flowing slightly down slope onto the adjacent property. A Sanitary Notice was issued on 4/29/05 to field # DB528. Tax Map #36-A (1) - 36. A call was received on 6/8/05 from the adjacent property owner that the effluent was pooling onto the ground surface. A second visit was made on that date and found was a defective drain line which was allowing the effluent to bubble out of the ground onto the ground surface. A heavy rainfall had preceded this event and had caused the effluent to run down slope and pool around the drilled well on the adjacent property as well as enter a storm drain that emptied into the Great Wicomico River at approximately 500' away at a slope of 45°. As this was a direct hit into Shellfish Waters, a second Sanitary Notice was issued 6/8/05 to field # DB-528.
30. CONTRIBUTES POLLUTION – Location: 183 Firehouse Road, Burgess 22432. Dwelling - gray vinyl siding double-wide with red shutters and black shingles. No Contact. Effluent pooling onto ground surface. Sanitary Notice issued 4/29/05 to field #DB-536. Tax Map # 36-A (1) - 30-A.
41. CONTRIBUTES POLLUTION – Location: 163 Riverview Drive, Heathsville 22473. Dwelling - gray siding (wood) 1 ½ story with gray shingles. No Contact. Cracked lid on septic tank. In rear of house a 4-inch black drain hose found. Unknown origin. Sanitary Notice issued 5/12/05 to field # DB-746. Tax Map # 26-A (1)3 - 45.

46. NO FACILITIES-Location: on Wicomico Way, Heathsville 22473. River Bend, Inc. Property Owners pool. A Port-A-John was available for use. There was no lavatory for use to wash hands, etc. There were no solid waste containers present. The pool is located a good distance from the homes in this subdivision and is  $\leq 350$  feet from the Great Wicomico River. A sanitary notice was issued 5/16/05 to field #DB-777 requesting information on the Port-A-John. As of 6/17/05, a copy of the Portable Toilet Service agreement has not been received.
47. CONTRIBUTES POLLUTION, **DIRECT**- Location: 574 Icehouse Cove Lane Heathsville 22473. Dwelling - brick 2 story with white trim. No Contact. Septic tank lid cracked and a white pipe of unknown origin on south side of house, both approximately 300' from the Great Wicomico River. Sanitary Notice issued 5/17/05 to field# DB-789.
49. NO FACILITIES, **DIRECT**- Location: 454 Cedar Point Road, Heathsville 22473. Dwelling - pink and white mobile home. 5 persons; and
- CONTRIBUTES POLLUTION, **DIRECT**- Privy needs repair or replacement. Containers full of wastes etc. are inside the privy. Contents are overflowing onto ground surface. Yard is full of junk and debris. Distance to ravine which empties into the Great Wicomico is  $\leq 75'$ . Sanitary Notice issued 5/17/05 to field #DB-801. Tax Map # 26-(1) - 63-B.
50. CONTRIBUTES POLLUTION, **DIRECT**- Location: 452 Cedar Point Road, Heathsville 22473. Dwelling - white siding with green trim. 6 persons. Effluent is pooling onto ground surface. Owner is using a black pipe to drain effluent off of ground surface into a ravine that feeds into the Great Wicomico River  $\leq 75'$  away. Sanitary Notice issued 5/17/05 to field # DB-802. Tax Map #26-(1)—63-B.
51. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 11608 Northumberland Highway, Heathsville 22473. Dwelling - white 2 ½ story with gray shingles. 6 persons. Grease trap overflowing onto ground surface. Local Health officials were at this location this A.M. preparing application for repair/replacement of the system. Sanitary Notice issued 5/18/05 to field # DB-815. Tax Map # 26-(1) - 32-B.
63. NO FACILITIES – Owner: Charlotte and Barbara Gill, 5437 Courthouse Road, Heathsville, 22473. Occupant: Ronnie Brann Logging, 279 Fruit Plain Road, Callao, 22435. Dwelling – gray trailer serving as field office. Portable toilet located adjacent to field office. Sanitary Notice issued 3-25-05 to field #C-5.
68. NO FACILITIES, **DIRECT** – Owner: Rex O. or Rebecca Jones, 180 Brandon Lane, Heathsville, 22473. Occupant: Sound Structures, Inc., 174 Brandon Lane, Heathsville, 22473. Dwelling – wood frame T-111 gray garage. Portable toilet located on premises approximately 100' from a ravine leading to Ball's Creek at 50' elevation. Sanitary Notice issued 4-22-05 to field #C-221.
69. NO FACILITIES – Location: 336 Sampsons Wharf Road, Heathsville, 22473. Dwelling – beige house trailer with green shutters. No contact. Portable toilet located behind trailer. Sanitary Notice issued 5-13-05 to field #C-233.
70. NO FACILITIES, **DIRECT** – Location: South foot of Bridge on Route 200. Handicap access Portable Toilet approximately 3' from a ravine which leads down slope to the Great Wicomico River at 25' elevation. Sanitary Notice Issued 5/18/05 to field # C-322.
75. CONTRIBUTES POLLUTION, **DIRECT**- Location: 756 Pinecrest Drive, Heathsville, 22473. Dwelling – Brick 2 story with brown siding. 1 person. Effluent is pooling onto ground surface. Sanitary Notice issued 6/6/05 to field # DB958.

77. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes) – Location: 526 Bogey Neck Road, Heathsville 22473. Dwelling – white siding 2 story with green roof. 4 persons. A port-a-john is provided at this property by Essential Systems for Human sewage disposal, however, the owner states she discards her kitchen waste water onto the ground surface. There is no running water to the house. The owner uses a bucket suspended inside a dug well to gather water for the house. Sanitary Notice issued 6/8/05 to field #DB977.
91. CONTRIBUTES POLLUTION, ***DIRECT***- Location: 2117 Sandy Point Road, Wicomico Church 22579. Dwelling – Gray block and unpainted T-1-11 wood siding 2 story. No contact. 4 inch PVC sewer pipe delivers effluent from house to tidal pond which directly connects the Great Wicomico River. Sanitary Notice issued 5/27/05 to field #D-91.

#### POTENTIAL POLLUTION

1. Location: 1972 Fairport Road, Reedville 22539. Dwelling – white siding 1 ½ story with green shutters. 3 persons. Yard is full of junk and debris. Two travel trailers are stationed on the property, one showing the possibility of occupancy.
2. Location: 132 Hammock Lane, Reedville 22539. Dwelling – dark brown log cabin 1 ½ story. No Contact. Yard is full of junk and debris. Owner is discarding old materials such as batteries, old engines etc. overboard.
4. Location: 635 Blundon Road, Reedville 22539. Dwelling – cream colored siding 1 story with gray shutters and brown shingles. Vacant at time of survey, but contact was made with property owner. Septic tank has recently been pumped. Previous occupants encountered problems flushing toilets, etc.
7. Location: 13 Hickory Lane, Reedville 22539. Dwelling – gray wood siding 2 story with red door and double car garage. No Contact. Grass is tall and dark over drainfield. No signs of effluent. Yard is fenced in.
9. Location: 2375 Whays Creek Drive, Reedville 22539. Dwelling – wood siding (unpainted) with wood shingles and unattached garage. Septic tank appears recently been pumped out, dirt is freshly dug around the tank. No signs of malfunction.
12. Location: 294 Hope-Union Lane, Burgess 22432. Dwelling – cream vinyl siding 1 ½ story with green shutters and brown shingles. No Contact. In rear of house, an open 3-inch PVC pipe was found. Unsure of its origin. NOTE – The clean out for the septic is located in front of the house. Sanitary Notice issued 4/7/05 to field # DB232. Tax Map #37-1-54C.
18. Location: 652 Blackwells Wharf Road, Burgess 22432. Dwelling – brown wood siding with gray trim and metal roof. Barn with living quarters in one end and open garage area. 2-inch PVC pipe (found on 1998 survey as CPKL/NF) still intact. No evidence of effluent activity.
19. Location: 652: Blackwells Wharf Road, Burgess 22432. Dwelling – gray wood siding, 1 story and gray shingles. 2-inch PVC pipe (found on 1998 survey as CPKL/NF) still intact. No evidence of effluent. NOTE: Spoke with property owner who has built a home on the property. She states these buildings are used for storage at this time. I requested that she remove the pipes and she stated she would.

28. Location: Jessie Dupont Memorial Highway (911# unknown). Dwelling – white siding 1 ½ story with gray shingles. Vacant. No Contact. On SW side of house a pipe of unknown origin runs out onto ground. In rear of house, old drain lines, concrete, standing water and old electric wires are exposed. Sanitary Notice issued 4/29/05 to field # DB524. Tax Map # 36-A (1) - 40. This property is under renovation.
31. Location: 25 Canyon Lane, Burgess 22432. Dwelling – cream colored mobile home with aqua trim. Vacant. This property is uninhabitable and according to a neighbor, the dwelling has been condemned by the local health department. Septic area has been disturbed, possibly it has recently been pumped out) but no effluent or odor was present.
32. Location: 254 Lampkintown Road, Burgess 22432. Dwelling – white siding 1 story with brick frame on front of house and brown shutters. 3 persons. Resident stated that sometime ago the septic system filled with water and the effluent ran onto the ground surface. The local health department was notified at that time. There was no evidence that this had happened recently.
36. Location: 13520 Northumberland Highway, Heathsville 22473. Dwelling – white siding 1 story with brown shingles. 2 persons. In wet weather, toilets are slow to flush, but owner has never experienced any problems with pooling effluent.
37. Location: Old Mill Land, Heathsville 22473. (911# not posted). New construction. No Contact. Portable toilet is located  $\leq 300$  ft. from the Great Wicomico. Owner, who lives out of town, is the contractor. To obtain a copy of his portable toilet agreement, a sanitary notice was issued 5/11/05 to field# DB-713. Tax Map #36-(8) - 5.
38. Location: 404 Pumpkin Hill Road, Heathsville 22473. Dwelling –olive green siding with black shingles and white trim. No Contact. Grass is dark over drain field lines. No evidence of effluent or odor.
41. Location: 992 Riverview Drive, Heathsville 22473. Dwelling – wood siding 2 story with screened porch at the rear of the house. No Contact. PVC pipe of unknown origin, under kitchen window  $\leq 20$ ft. from ravine leading into the Great Wicomico River. Sanitary Notice issued 5/12/05 to field # DB-752. Tax Map # 26-A (1)3 - 26.
44. Location: 49 Driftwood Ct., Heathsville 22473. Dwelling - gray siding 2 story with white trim and gray shingles. No Contact. For Sale Sign posted on property. PVC pipe of unknown origin extends under deck. No signs of discharge. Sanitary Notice issued 5/16/05 to field # DB-771. Tax Map #26-A (1)2 - 24.
45. Location: 66 Driftwood Ct., Heathsville 22473. Dwelling – white siding 2 story with metal roof. No Contact. PVC pipe (2-inch) of unknown origin. No signs of discharge. Sanitary Notice issued 5/16/05 to field # DB-773. Tax Map # 26-A (1)2 - 28.
48. Location: Ice House Cove Lane, Heathsville 22473. (911# not posted) New construction. No Contact. Potable Toilet is located  $\leq 300$  feet from The Great Wicomico River. To obtain a Copy of his Portable Toilet Agreement a Sanitary Notice was issued on 5/17/05 to Field #DB-792. Tax Map #35-(3) - 7.
53. Location: 11272 Northumberland Highway, Heathsville 22473. Dwelling - apartment complex, (4units) 1 story white siding with brown shingles. No Contact. Grass over drain field is tall and dark. No effluent or odor present.
54. Location: 11252 Northumberland Highway, Heathsville 22473. Dwelling - tan vinyl siding 2 story with white trim and metal roof. No Contact. Grass over drain field is tall and dark. No effluent or odor present.

55. Location: 421 Cooper's Landing Road, Heathsville 22473. Dwelling – light blue double-wide with gray shingles and white trim. No Contact. Grass over drain field is dark. No effluent or odor present.
56. Location: Mallard Drive, Heathsville 22473. (911# not posted) New Construction. Port-a-John is located within 500 feet of the Great Wicomico. A building permit was not posted on the property. Contractors at the site were not aware of who was responsible for the portable toilet. To obtain information on the portable toilet, a Sanitary Notice was issued 5/19/05 to field #DB-848. Tax Map #25-A (1) - 21.
73. Location: Waterlook Lane, Heathsville 22473. (911# not posted) Dwelling – white siding 1 ½ story with blue shutters. No Contact. New system has been installed. Due to recent rains, water is pooling over the area. No evidence of malfunction.
76. Location: 572 Bogey Neck Rd., Heathsville 22473. Dwelling – white siding 1 ½ story with metal roof. 3 persons. A travel trailer, with electric, is parked in yard. Occupant in the house states that folks occasionally stay in the travel trailer when they come down on weekends. No evidence of effluent on ground surface.
78. Location: 486 Bogey Neck Rd., Heathsville 22473. Dwelling – brown mobile home with dark brown shutters and tar roof. 3 persons. Grass over drain field is tall and dark. No evidence of effluent or malfunction of system.
79. Location: 507Mila Rd., Heathsville 22473. Dwelling – yellow siding 2 story with brown trim. No Contact. Junk, debris and tall grass cover yard. No evidence of malfunction.
80. Location: 937 Mila Rd., Heathsville 22473. Dwelling – small 1 story with asbestos shingles and tar papered roof. Privy in good condition is on premises. Old ringier type washing machine was found in rear of house. No wash water found on ground surface.
84. Location: 3214 Remo Road, Heathsville 22473. Dwelling – White with orange stripe “Prowler” camping trailer. No contact. 3 inch waste line exits trailer with end duct taped over. Trailer is at 6’ elevation and 40’ from Cranes Creek. No evidence of effluent on ground surface.

## SECTION C: NON-SEWAGE WASTE SITES

### INDUSTRIAL WASTES

14. **DIRECT** – Location: 1807 Brickyard Rd., Burgess 22432. Lumber yard. 1 x 1000 gallon Unleaded gasoline tank, 1 x 1000 gallon Diesel fuel tank, both without berms. ≤ 200’ from Great Wicomico River.
15. Location: 1006 Brickyard Rd., Burgess 22432. Fuel distributor. 3 persons. 2 x 20,000 gallon #2 Unleaded Gasoline, 3 x 10,000 gallon #2 Fuel Oil, 1 x 500 gallon Diesel Fuel, 1 x 500 gallon Unleaded Gasoline, 2 x 10,000 gallon (empty), all without berms.
21. Location: 641 Old Glebe Pt. Rd., Burgess 22432. VDOT Sign Shop, 3 persons, 2 x 250 gallon Kerosene tank, 2 x 55 gallon used oil tanks, both without berms, 1 x 4000 gallon Diesel Fuel, 1 x 4000 gallon Gasoline, both underground.
22. Location: 901 Jessie Dupont Memorial Highway, Burgess 22432. Boat sales and repair shop. 1 x 250 gallon Diesel fuel tank, 1 x 250 Gasoline Fuel tank, both without berms. Storage of boats and engines on property.

34. Location: 14758 Northumberland Highway, Burgess 22432. Farm supply/fertilizer store. 3 x 10,000 gallon, 2 x 8,000 gallon, 1 x 12,000 gallon of liquid nitrogen, all without berm.
68. **DIRECT** – Location: 180 Brandon Lane, Heathsville 22473. Business – Sound Structures. 2 persons. Observed on site was 1 x 500 gallon diesel fuel tank, 1 500 gallon unleaded fuel tank, and 1 x 100 gallon used oil tank all without berms approximately 100' from a ravine leading to Ball's Creek at 50' elevation.

#### **SOLID WASTE DUMPSITES**

16. Location: 733 Jessie Dupont Memorial Highway, Burgess 22432. Burgess auto repair/fuel station. 2 persons. Old cars, tires, and scrap iron metal scattered on property.
52. Location: 11572 Northumberland Highway, Heathsville 22473. Old junk yard. No Contact. Old vehicles, boats, refrigerators, metal, and other debris scattered on property.

#### **SECTION D: BOATING ACTIVITY**

##### **MARINAS**

17. Great Wicomico Marina, 836 Horn Harbor Road, Burgess. c/o George Becker, P.O. Box 10, Burgess 22432. Commercial Marina. 30 seasonal Slips, 10 transient slips, 16 dry storage spaces, Present during survey were 2 pleasure boats under 26', 2 pleasure boats over 26'. Services available are: Fuel, water, electricity, ramp, restroom facilities, solid waste containers, and dump station. Facility No. 762.
23. Glebe Point Campground, 1895 Jessie Dupont Memorial Highway, Burgess 22432. c/o Thomas Rockson. Private Marina. Present at time of survey were 25 pleasure boats < 26' and 4 pleasure boats > 26' in dry storage. Approximately 50 dry storage spaces are available as is 18 seasonal slips. Services provided are dump station, ramp, electricity, water, and restroom facilities. Owner is exempt from sewage holding tank pump-out services. Facility No. 761.
26. Tiffany Yacht Co., Inc., 2353 Jessie Dupont Memorial Highway, Burgess 22432. c/o Randy Cockrell, Boat repair/Marine Parts facility. 10 – 15 persons. Present at time of survey were 6 pleasure boats < 26' and 9 pleasure boats > 26'. There are 21 seasonal slips available for wet storage, 0 slips for dry storage. Other services included repair work, fuel, electricity, water, restroom facilities, and solid waste containers. Dump station and sewage holding tank pump-out services are also available. Facility No. 1518.
43. River Bend Inc., 911# not posted. c/o Joel Stubbs 776 Riverview Drive, Heathsville 22473. River Bend property owners marina. Present at time of survey were 6 pleasure boats < 26' (1 wet storage, 5 dry storage), 2 pleasure boats > 26' (wet storage). Other services available include electricity, water, a ramp, solid waste containers, restroom facilities and a dump station. Sewage holding tank pump-out service is not available. Facility No. 809.
64. Mallard Bay Marina, end of State Route 603, Heathsville 22473. Owner: Mallard Bay Property Owners Association, P.O. Box 87, Heathsville 22473. Owner: Mallard Bay Homeowners Association, P.O. Box 300, Irvington 22480. Community pier and ramp. Herb Fowler was present at time of survey. 16 slips/moorings available. Present at time of survey were 3 boats under 26' in wet storage. Boating services provided are water, electricity, and an in-out ramp. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 urinal, and 2 lavatories for men; and 2



commodes and 2 lavatories for women. Sewage disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no boat holding tank pump-out facilities or portable dump station facilities provided at this location.

81. Lee Dale Shores, 911# not posted. c/o Stephen Miller, 630, Lee Dale Drive, Heathsville 22473. Community pier. Available at this location are 7 seasonal slips. Present at time survey were 2 pleasure boats < 26', 2 pleasure boats > 26', 1 PWC, and 2 rafts. Services provided are electricity and water. No other services available. Facility No. 781.
92. J. L. Sisson Seafood, end of Wicomico View Lane. Owner: E. A... Sisson, 449 Wicomico View Lane, Wicomico Church 22579. Mooring facility and unloading point for workboats. No contact. 6 slips/moorings available. Present at the time of survey were 3 workboats <26' and 2 workboats >26'. The only boating service provided is fuel. Containers are available for solid waste collection. Sanitary facilities provided are 1 privy for men and 1 privy for women. The privies serve as dump stations for portable toilets. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location.
93. Dameron's Seafood, Wicomico View Lane. Owner: James Dameron, Box 23, Wicomico Church 22579. Seafood sales and crab shedding facility. 1 employee. 10 slips/moorings available. Present at the time of survey were 2 workboats >26'. Boat services provided are water and electricity. Containers are available for solid waste collection. Owner has an exemption to the requirement to provide onshore sanitary facilities, boat holding tank pump-out facilities and portable toilet dump station facilities at this location.

#### **OTHER PLACES WHERE BOATS ARE MOORED**

11. 1<sup>st</sup> Cousins, Inc. 503-517 Captain's Way, Reedville 22539. c/o Anthony Falls, 17117 Belair Terrace, Rockville, MD 20855. This facility serves property owners of the Inland Harbour Townhouse units located at this site. Services provided are electricity and water. Owner has an exemption to the requirement to provide onshore sanitary facilities, boat holding tank pump-out facilities, and portable toilet dump station facilities at this location. Facility No. 734.
25. E.D. Cockrell, 83 Golf Lane, Burgess 22432. Private dock. 6 Seasonal slips available. Present at time of survey were 1 pleasure boat < 26', 1 work boat >26', and 1 pleasure Boat > 26' in wet storage. Services available are ramp, electricity, water, dump station, and restroom facilities. Owner has an exemption to the requirement to provide boat holding tank pump-out facilities at this location. Facility No. 755.
27. Middle Bay Marine Construction, Inc., c/o Odis B. Cockrell, 2545 Jessie Dupont Memorial Highway, Burgess 22432. Services provided are dump station, repair, electricity, and water. There are 14 seasonal slips available. Present at time of survey were 4 work boats, 4 pleasure boats (all < 26'), 1 work boat, and 2 pleasure boats (all > 26') in wet storage, plus 4 work boats, 4 pleasures boats (all < 26') in dry storage. Facility No. 1158.
57. Coopers landing, end of State Route 707 (Coopers Landing Road), Heathsville 22473. Owner: Department of Game & Inland Fisheries, 4010 Broad Street, Richmond 23230. Public boat ramp. No contact. Present at time of survey was one work boat under 26'. The only boating service provided is an in-out ramp. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities provided at this location.

59. Swann Harbor Property Association. c/o Fred Brown, Wicomico Church 22579. Community boat ramp and pier. No contact. 2 slips available. No boats present at time of survey. The only boating service available is an in-out ramp. There are no containers available for solid waste collection, sanitary facilities, boat holding tank pump out facilities or dump station facilities provided at this location.
60. Owner: Va. Land & Forest Corp. Route# 4, Box 3, Heathsville 22473. Dry storage area for 12 pleasure boats under 26'. No contact. There are no boating services, sanitary facilities, or boat pump-out facilities available.
61. Occupant: Betz Landing pier, off Steamboat Road. Manager: Paul Avignone, Va. Land & Forest Corp. Route # 4, Box 3, Heathsville, 22473. Community boat ramp and pier. No contact. 7 slips. No boats present at time of survey. Boating service provided is an in-out ramp. There are no containers available for solid waste collection. Sanitary facilities are 2 commodes and lavatories for men and women, and a boat dump station pump out facility.
85. A. C. Fisher, Jr., P.O. Box 24, Wicomico Church 22579. Boat repair facility. 5 employees. 11 slips/moorings available. Present at the time of survey were 10 workboats <26' and 1 pleasure boat >26'. Boating services provided are water, electricity and repair. Containers are available for solid waste collection. A portable toilet dump station is available. Sanitary facilities provided are a portable john and the restrooms in owner's house in which disposal is to a septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no boat holding tank pump-out facilities provided at this location.
86. John Thomas Hopkins, 8786 James Madison Highway, Warrenton 22186. Private dock. No contact. 9 slips/moorings available. No boats present at the time of survey. Boating services provided are electricity and water. There are no sanitary facilities, boat holding tank pump-out facilities or portable dump station facilities.
87. Stanley Oginz, Pink Dogwood Farm, Haydensville 23067. Private dock. No contact. 6 slips/moorings and 3 dry storage spaces available. Present at time of survey were 3 pleasure boats <26'. Boating services provided are electricity and water. Containers are available for solid waste collection. Sanitary facilities provided are 1 commode, 1 lavatory and 1 shower for men and women. Sewage disposal is to septic tank with drainfield, which appeared to be in satisfactory condition at time of inspection. There are no boat holding tank pump-out facilities or portable toilet dump station facilities provided at this location.
90. Ernest T. Delano, Route 2, Box 203, Wicomico Church 22579. Private dock. No contact. 8 slips/moorings available. Present at time of survey were 1 workboat <26' and 1 workboat >26'. Boating services provided are fuel and electricity. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.

#### **UNDER SURVEILLANCE**

8. Whay's Creek Subdivision, located on Route 653 (911# not posted), No Contact. Services provided include a boat ramp and 1 transient slip. No boats present at time of survey.
65. Knight's Landing, State Route 642; R. Left at Knight's Landing Drive, right as you enter. Owner: Knight's Landing Association, P.O. Box 128, Heathsville 22473. Community pier and ramp. No contact. 6 slips/moorings available. No boats present at time of survey. Boat service provided is an in-out ramp. There are no containers provided for solid

- waste. There are no sanitary facilities, boat holding tank pump-out facilities, or portable dump station facilities provided at this location.
66. Rivers Knoll State Route 201 S from Heathsville to 642 L on Rivers Knoll, Lon Island Pt., L on gravel Rd. Owner: Rivers Knoll Homeowners Association, Route 2, Box 123, Heathsville 22473. No contact. 4 slips/moorings available. No boats present at time of survey. Boat service provided is an in-out ramp. There are no containers provided for solid waste. There are no sanitary facilities, boat holding tank pump-out facilities, or portable dump station facilities provided at this location.
67. Sampson's Wharf Community Dock, end of State Road 748, sign on 610. Owner: Sampsons Wharf Homeowners Association, Route 2, Box 115, Heathsville 22473. No contact. 2 slips/moorings available. No boats present at time of survey. Boat service provided is an in-out ramp. There are no containers provided for solid waste. There are no sanitary facilities, boat holding tank pump-out facilities, or portable dump station facilities provided at this location.
71. Snowden Park II, end of Tipers Drive. c/o Linda Baughn, No Contact. Services provided are a dock with an in-out ramp. No boats present at time of survey.
72. Snowden Park I, end of Tipers Drive, c/o Buddy Spears, P.O. Box 324, Wicomico Church 22579. Services provided are a dock with an in-out ramp. No boats present at time of survey. Facility No. 815.
74. Grady Lester, 117 Riverway Lane, Wicomico Church 22579. Private dock. No Contact. 9 seasonal slips and an in-out ramp are available for use. No other services are available. Owner has an exemption to the requirement to provide dump station and boat holding tank pump-out services at this location.
82. Point Pleasant Development Company, c/o Donald Longest, Route 2, Box 163, Aylett 23009. Community pier. No contact. 6 slips/moorings available. No boats present at the time of survey. The only boating service provided is electricity. There are no containers for solid waste collection. Owners have an exemption to the requirement to provide onshore sanitary facilities and portable toilet dump station facilities.
83. Eunice Thrift, P.O. Box 55, Wicomico Church 22579. Boat repair facility. No contact. 4 slips/moorings available. No boats present at the time of survey. Boating services provided are fuel, electricity, water and repair. There are no containers for solid waste collection, sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
88. Donald L. Kuykendall, Route 2, Box 226 H, Wicomico Church 22579. Private dock. No contact. 3 slips/moorings available. Present at the time of survey was 1 workboat <26' and 1 workboat >26'. Boating services provided are electricity and water. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
89. Cranes Creek Public Landing, end of Cranes Landing Road. Owner: Virginia Department of Transportation, 1401 East Broad Street, Richmond 23219. Public boat ramp. No contact. No boats present at the time of survey. The only boating service is an in-out ramp. There are no containers for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.

## SECTION E: CONTRIBUTES ANIMAL POLLUTION

10. ***DIRECT*** - Location: 1900 Whays Crk Rd, Reedville 22539. Dwelling - Brick 1 ½ story with brown shingles and olive trim. No Contact. Present at time of survey were 3 dogs and 2 goats. The goats were Inside of a fenced area which was <50 ft from the marsh waters of the Great Wicomico River. Manure was left on ground surface, upslope of the river.
20. Location: 456 Blackwells Wharf Road, Burgess 22432. Dwelling – gray wood siding (paint peeling) 1 ½ story with light blue trim. No Contact. Present at time of survey were 100 -150 chickens. Manure was left on ground surface.
33. Location: 418 Jessie Dupont Memorial Highway, Heathsville 22473. Dwelling - white siding 1 story with green trim and gray shingles. 2 persons. Present at Time of survey were 25 -30 chickens. Manure is left on ground surface.
35. Location: Northumberland Highway (911 # not posted). No Contact. Present at time of survey were approximately 40 hunting dogs. Very little waste on ground surface. Tools were present that help clean up waste. Waste disposal unknown.
39. Location: 13134 Northumberland Highway, Heathsville 22473. Dwelling - White siding 1 ½ story with green shutters. No Contact. Present at time of Survey were 4 horses, 1 dog and several cats. Manure is left on ground surface < 200' from a first order stream.
40. Location: 12234 Northumberland Highway, Heathsville 22473. Dwelling – white siding 2 ½ story with black tin roof. Present at time of survey were 13 cattle, 7 horses, and 1 miniature mule. Manure left on ground surface.
58. 164 Coopers Landing Road, Heathsville 22473. Dwelling- white aluminum siding & brick 1 – story with green shutters 2 persons. Present at time of survey were 30 hunting dogs in pens in back yard. Manure is left on ground after removed from dog pens.
62. 2524 Courthouse Road, Heathsville 22473. Dwelling- grey vinyl 1-story with white trim and new siding and porch. 4 persons. Present at time of survey were 8 goats in fenced pasture and 50 penned fowl approximately 100' from a tributary of the Great Wicomico River. Manure is left on ground.
93. ***DIRECT*** –Location: 2275 Mila Road, Wicomico Church 22579. Dwelling – white wood siding 2 story. Business – horse boarding and riding lessons. 1 person. Present at the time of survey were 22 horses in stables and in pasture at 20' elevation and 150' from the Great Wicomico River. Manure is both trucked away and left on the ground surface.

## SUMMARY

### AREA 13 GREAT WICOMICO RIVER July 18, 2005

#### SECTION B: SEWAGE POLLUTION SOURCES

##### 1. SEWAGE TREATMENT FACILITIES

1 - DIRECT - #95

0 - INDIRECT - None

1 - B.1. TOTAL

##### 2. ON-SITE SEWAGE DEFICIENCIES

Correction of deficiencies in this section is the responsibility of the local health department.

9 - CONTRIBUTES POLLUTION, DIRECT - #5, 11, 13, 29, 47, 49, 50, 75, 91

4 - CONTRIBUTES POLLUTION, INDIRECT - #6, 24, 30, 41,

0 - CP - (Kitchen or Laundry Wastes), DIRECT - None

3 - CP - (Kitchen or Laundry Wastes), INDIRECT - #3, 51, 77

3 - NO FACILITIES, DIRECT - #46, 49, 70,

3 - NO FACILITIES, INDIRECT - #63, 68, 69

22 - B.2. TOTAL

##### 3. POTENTIAL POLLUTION

Periodic surveillance of these properties will be maintained to determine any status change.

28 - POTENTIAL POLLUTION - #1, 2, 4, 7, 9, 12, 18, 19, 28, 31, 32, 36, 37, 38, 42, 44,  
45, 48, 53, 54, 55, 56, 73, 76, 78, 79, 80, 84

#### SECTION C: NON-SEWAGE WASTE SITES

##### 1. INDUSTRIAL WASTE SITES

1 - DIRECT - #14,

5 - INDIRECT - #15, 21, 22, 34, 68

6 - C.1. TOTAL

##### 2. SOLID WASTE SITES

0 - DIRECT - None

2 - INDIRECT - #16, 52

2 - C.2. TOTAL

#### SECTION D: BOATING ACTIVITY

8 - MARINAS - #17, 23, 26, 43, 64, 81, 92, 93

11 - OTHER PLACES WHERE BOATS ARE MOORED - #11, 25, 27, 57, 59, 60,  
61, 85, 86, 87, 90,

11 - UNDER SURVEILLANCE - #8, 65, 66, 67, 71, 72, 74, 82, 83, 88, 89

30 - D. TOTAL

#### SECTION E: CONTRIBUTES ANIMAL POLLUTION

3 - DIRECT - #10, 62, 94

6 - INDIRECT - #20, 33, 35, 39, 40, 58

9 - E. TOTAL

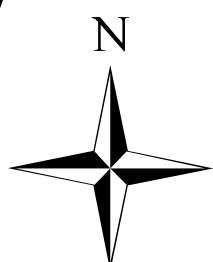


Virginia Department of Health  
Division of Shellfish Sanitation

Great Wicomico River  
# 13  
Shoreline Sanitary Survey

Northumberland County

Date: July 18, 2005  
Survey By: D.R. Beuchelt, D.B. Geeson,  
R.S. Morris, and R.M. Thomas  
Number of Properties Surveyed: 1808



0 0.25 0.5 1 1.5  
Miles

Legend

- Sampling Station - New
- Sampling Station - Historical
- Sewered areas
- DGIF Boat Ramps
- Shoreline Survey Deficiencies**
- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect